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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended October 28, 1988 NO. 43

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/28/88	Last Week Ending: 10/21/88	Last Year Week Ending: 10/30/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,029	13,284	12,844	-255	185
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	81.8	83.4	81.8		
Motor Gasoline					
Total motor gasoline production	6,914	6,906	6,434	8	480
Finished leaded motor gasoline production	1,081	1,157	1,442	-76	-361
Finished unleaded motor gasoline production	5,833	5,749	4,992	84	841
Total motor gasoline stocks	215,006	216,003	219,751	-997	-4,745
Finished leaded motor gasoline stocks	38,075	39,207	51,658	-1,132	-13,583
Finished unleaded motor gasoline stocks	139,544	138,687	130,630	857	8,914
Jet Fuel Kerosine					
Jet fuel kerosine production	1,123	1,193	1,217	-70	-94
Jet fuel kerosine stocks	41,469	42,272	42,512	-803	-1,043
Distillate Fuel Oil					
Distillate fuel oil production	2,790	2,808	2,818	-18	-28
Distillate fuel oil stocks	128,786	127,175	124,921	1,611	3,865
Residual Fuel Oil					
Residual fuel oil production	877	892	836	-15	41
Residual fuel oil stocks	40,105	42,270	46,923	-2,165	-6,818
Imports					
Crude oil imports	4,891	5,285	5,482	-394	-591
Product imports	2,491	2,141	2,110	350	381
Crude Oil Stocks					
Crude oil stocks	332,598	333,640	349,925	-1,042	-17,327
Crude Supply Balance	4				

*See definitions on page 6

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,350	1,127	1,127	1,380	81.7
Appal. No. 1	112	107	110	107	102.8
DISTRICT 1 TOTAL	1,462	1,234	1,237	1,487	83.2
Ind., Ill., Ky.	2,009	1,901	1,911	2,254	84.8
Minn., Wisc., Daks.	301	297	297	312	95.2
Okla., Kans., Mo.	742	660	665	718	92.6
DISTRICT 2 TOTAL	3,052	2,858	2,873	3,284	87.5
Inland Texas	594	515	523	569	91.9
Texas Gulf Coast	3,478	3,040	3,052	3,580	85.3
La. Gulf Coast	2,446	2,218	2,248	2,908	77.3
N. La. and Ark.	128	103	106	252	42.1
New Mexico	89	71	71	76	93.4
DISTRICT 3 TOTAL	6,735	5,947	6,000	7,385	81.2
DISTRICT 4 TOTAL	446	394	400	535	74.8
DISTRICT 5 TOTAL	2,522*	2,458	2,519	3,231	78.0
TOTAL U.S.	14,217	12,891	13,029	15,922	81.8
TOTAL U.S. Weeks Ended:					
OCT. 21, 1988	14,066*	13,133	13,284	15,922	83.4
OCT. 30, 1987	13,760	12,800	12,844	15,697	81.8
DISTRICTS 1-4 Weeks Ended:					
OCT. 28, 1988	11,695	10,433	10,510	12,691	82.8
OCT. 21, 1988	11,473	10,608	10,705	12,691	84.4
OCT. 30, 1987	11,369	10,540	10,584	12,438	85.1

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 28, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	689*	33	656*	35	45	325	140
Appal. No. 1	44	8	36	--	--	35	3
DISTRICT 1 TOTAL	733*	41	692*	35	45	360	143
Ind., Ill., Ky.	1,127	106	1,021	9	101	439	61
Minn., Wisc., Daks.	159	34	125	--	11	80	6
Okla., Kans., Mo.	417	93	324	7	42	181	9
DISTRICT 2 TOTAL	1,703	233	1,470	16	154	700	76
Inland Texas	304	73	231	25	25	134	16
Texas Gulf Coast	1,619*	156	1,463*	32	279	628	168
La. Gulf Coast	1,060	186	874	38	286	467	87
N. La. and Ark.	48	18	30	7	--	27	7
New Mexico	51	17	34	5	1	17	--
DISTRICT 3 TOTAL	3,082*	450	2,632*	107	591	1,273	278
DISTRICT 4 TOTAL	233	84	149	16	26	113	12
DISTRICT 5 TOTAL	1,163	273	890	51	307*	344	368
TOTAL U.S.	6,914	1,081	5,833	225	1,123	2,790	877
TOTAL U.S. Weeks Ended:							
OCT. 21, 1988	6,906*	1,157	5,749*	204	1,193*	2,808	892
OCT. 30, 1987	6,434	1,442	4,992	206	1,217	2,818	836
DISTRICTS 1-4 Weeks Ended:							
OCT. 28, 1988	5,751	808	4,943	174	816	2,446	509
OCT. 21, 1988	5,807*	907	4,900*	147	886	2,401	529
OCT. 30, 1987	5,460	1,203	4,257	158	905	2,462	482

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,511	243	3,267	1	166	458	8,753	679	--
Central Atlantic	25,932*	3,451	17,885	4,596*	485	4,686	34,229*	13,358*	10,585*
Lower Atlantic	29,728	5,200	24,238	290	437	4,766	14,515	3,251	428
DISTRICT 1 TOTAL	59,171*	8,894	45,390	4,887*	1,088	9,910	57,497*	17,288*	11,013*
DISTRICT 2 TOTAL	58,231	11,870	38,669	7,692	816	7,491	28,694*	3,006	15,977
DISTRICT 3 TOTAL	61,790	9,081	37,457	15,252	2,455	16,229	28,650	11,009	51,333
DISTRICT 4 TOTAL	6,063	1,803	2,721	1,539	388	812	2,461	608	1,912
DISTRICT 5 TOTAL	29,751	6,427	15,307	8,017	1,662	7,027	11,484	8,194*	29,048*
TOTAL U.S.	215,006	38,075	139,544	37,387	6,409	41,469	128,786	40,105	109,283
TOTAL U.S. Weeks Ended:									
OCT. 21, 1988	216,003*	39,207	138,687	38,109*	6,362	42,272	127,175*	42,270*	109,763*
OCT. 30, 1987	219,751	51,658	130,630	37,463	6,485	42,512	124,921	46,923	102,918
DISTRICTS 1-4 Weeks Ended:									
OCT. 28, 1988	185,255	31,648	124,237	29,370	4,747	34,442	117,302	31,911	80,235
OCT. 21, 1988	185,505*	32,590	123,085	29,830*	4,538	35,381	115,066*	33,630*	80,975*
OCT. 30, 1987	190,863	44,463	116,188	30,212	5,046	35,693	113,767	37,865	78,119

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended October 28, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 28, 1988	4,951.0	5,079.0	4,728	698	251,085
OCT. 21, 1988	4,951.0	--	4,961*	738	250,741*
OCT. 14, 1988	4,951.0	--	5,125	583	247,162
OCT. 7, 1988	4,846.0	--	4,867	689	244,925
DISTRICT 5 TOTAL					
OCT. 28, 1988	3,092.0	3,059.0	163	--	81,513 #
OCT. 21, 1988	3,092.0	--	324	6	82,899*
OCT. 14, 1988	3,092.0	--	55	--	79,980
OCT. 7, 1988	3,092.0	--	349	15	79,162
TOTAL U.S.					
OCT. 28, 1988	8,043.0	8,138.0	4,891	698	332,598 #
OCT. 21, 1988	8,043.0	--	5,285*	744	333,640*
OCT. 14, 1988	8,043.0	--	5,180	583	327,142
OCT. 7, 1988	7,938.0	--	5,215	704	324,087
OCT. 30, 1987	8,364.0 a/	--	5,482	714	349,925

#INCLUDES 24,992 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
OCT. 28, 1988	4	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 28, 1988	15,230	67,460	156,579	11,816	251,085	81,513 #	332,598 #
OCT. 21, 1988	16,031*	65,330	157,681	11,699	250,741*	82,899*	333,640*
OCT. 30, 1987	16,013	71,114	171,340	12,410	270,877	79,048	349,925

[1]See definitional notes, Page 6

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	225	--	225	--	--	--	172	--	5	36	--	438
Central Atlantic	178	--	178	121	--	60	77	386	51	37	163	1,073
Lower Atlantic	--	--	--	--	--	--	102	181	--	--	2	285
DISTRICT 1 TOTAL												
OCT. 28, 1988	403	--	403	121	--	60	351	567	56	73	165	1,796
OCT. 21, 1988	457	3	454	45	--	49	302	495	22	171	50	1,591
OCT. 14, 1988	531	--	531	66	--	46	397	483	18	40	147	1,728
OCT. 7, 1988	360	--	360	76	--	46	268	471	11	101	92	1,425
DISTRICTS 2-4 TOTAL												
OCT. 28, 1988	13	--	13	--	3	14	12	26	208	165	171	612
OCT. 21, 1988	43	--	43	--	4	10	15	31	139	208	1	451
OCT. 14, 1988	11	--	11	6	3	24	18	45	251	168	120	646
OCT. 7, 1988	7	--	7	4	3	10	14	38	73	283	97	529
DISTRICT 5 TOTAL												
OCT. 28, 1988	25	--	25	--	--	24	2	7	25	--	--	83
OCT. 21, 1988	28	--	28	--	--	22	4	33	12	--	--	99
OCT. 14, 1988	39	--	39	--	--	3	4	5	13	--	--	64
OCT. 7, 1988	26	--	26	--	--	2	3	6	13	2	--	52
TOTAL U.S.	441	--	441	121	3	98	365	600	289	238	336	2,491
TOTAL U.S. Weeks Ended:												
OCT. 21, 1988	528	3	525	45	4	81	321	559	173	379	51	2,141
OCT. 14, 1988	581	--	581	72	3	73	419	533	282	208	267	2,438
OCT. 7, 1988	393	--	393	80	3	58	285	515	97	386	189	2,006
OCT. 30, 1987	280	20	260	88	3	17	191	524	257	187	563	2,110

[1] Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2] Gasoline blending components are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

10/14/88	PAGE 2	TOTAL MGAS	EAST COAST	737
			DISTRICT 1 TOTAL	775
			TEXAS GULF COAST	1,673
			DISTRICT 3 TOTAL	3,204
			TOTAL U.S.	6,985
			DISTRICTS 1-4	5,787
		UNLEADED MGAS	EAST COAST	636
			DISTRICT 1 TOTAL	669
			TEXAS GULF COAST	1,529
			DISTRICT 3 TOTAL	2,814
			TOTAL U.S.	5,792
			DISTRICTS 1-4	4,948
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	27,626
			DISTRICT 1 TOTAL	61,535
			TOTAL U.S.	220,164
			DISTRICTS 1-4	188,612
		BLENDING COMPS	CENTRAL ATLANTIC	5,307
			DISTRICT 1 TOTAL	5,622
			TOTAL U.S.	39,012
			DISTRICTS 1-4	30,612
		RESIDUAL FUEL	CENTRAL ATLANTIC	14,420
			DISTRICT 1 TOTAL	19,045
			TOTAL U.S.	44,439
			DISTRICTS 1-4	35,674
10/21/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,593
			TOTAL U.S.	14,066
	PAGE 2	KEROSINE JET	DISTRICT 5 TOTAL	307
			TOTAL U.S.	1,193
	PAGE 3	DISTILLATE FUEL	CENTRAL ATLANTIC	33,074
			DISTRICT 1 TOTAL	55,427
			DISTRICT 2 TOTAL	28,952
			TOTAL U.S.	127,175
			DISTRICTS 1-4	115,066
		RESIDUAL FUEL	CENTRAL ATLANTIC	13,723
			DISTRICT 1 TOTAL	17,609
			DISTRICT 5 TOTAL	8,640
			TOTAL U.S.	42,270
			DISTRICTS 1-4	33,630
		UNFINISHED OILS	CENTRAL ATLANTIC	11,455
			DISTRICT 1 TOTAL	11,999
			DISTRICT 5 TOTAL	28,788
			TOTAL U.S.	109,763
			DISTRICTS 1-4	80,975
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	4,961
			TOTAL U.S.	5,285
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	250,741

REVISIONS

	DISTRICT 5 TOTAL	82,899
	TOTAL U.S.	333,640
PAGE 4 B TOTAL	PAD DISTRICT 1	16,031
	TOTAL PAD DISTRICTS 1-4	250,741
	PAD DISTRICT 5	82,899
	TOTAL U.S.	333,640